

(12) **United States Patent**
Culbert et al.

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(54) **WIRELESS POWER UTILIZATION IN A
LOCAL COMPUTING ENVIRONMENT**

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(58) **Field of Classification Search**
None
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
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(57) **ABSTRACT**

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17, 2009.

Various embodiments of a wirelessly powered local comput-
ing environment are described. The wireless powered local
computing environment includes at least a near field magnetic
resonance (NFMR) power supply arranged to wirelessly pro-
vide power to any of a number of suitably configured devices.
In the described embodiments, the devices arranged to
receive power wirelessly from the NFMR power supply must
be located in a region known as the near field that extends no
further than a distance D of a few times a characteristic size of
the NFMR power supply transmission device. Typically, the
distance D can be on the order of 1 meter or so.

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H02J 5/005 (2013.01); **H02J 7/025** (2013.01);

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